

Le 10/772,799

=> fil reg

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STRUCTURE FILE UPDATES: 7 JAN 2007 HIGHEST RN 916885-50-2
DICTIONARY FILE UPDATES: 7 JAN 2007 HIGHEST RN 916885-50-2

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on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d his ful

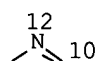
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L1          STR  
L2          11 SEA SSS FUL L1  
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L3          2 SEA ABB=ON PLU=ON L2  
            D SCAN TI
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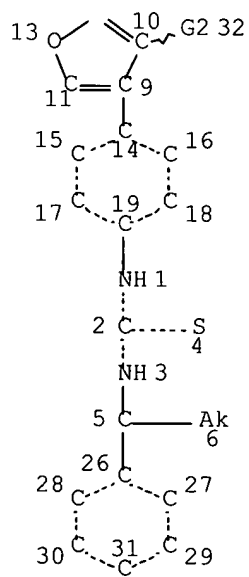
=> d que stat l2

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L1          STR
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Ak @33



Page 1-A



Page 2-A



Page 3-A

VAR G1=X/H

VAR G2=33/CY

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

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GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

L2 11 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 16 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

=> fil reg

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

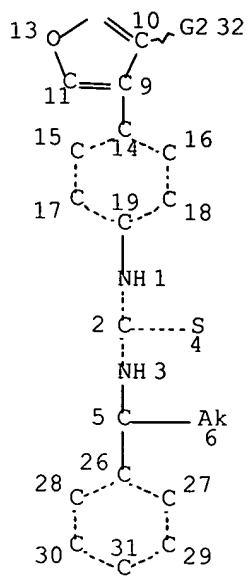
<http://www.cas.org/ONLINE/UG/regprops.html>

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L1 STR

Ak @33

12
N
10



Page 2-A

G1 8

Page 3-A

VAR G1=X/H

VAR G2=33/CY

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

L2 11 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 16 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

=> fil caplus

FILE 'CAPLUS' ENTERED AT 11:26:00 ON 08 JAN 2007

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FILE COVERS 1907 - 8 Jan 2007 VOL 146 ISS 3
FILE LAST UPDATED: 7 Jan 2007 (20070107/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que nos l3

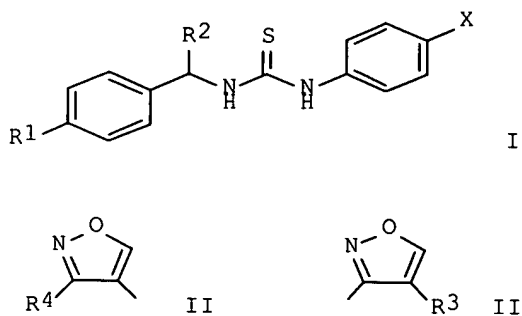
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L2 11 SEA FILE=REGISTRY SSS FUL L1
L3 2 SEA FILE=CAPLUS ABB=ON PLU=ON L2

=> d .ca hitstr l3 1-2

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:654779 CAPLUS Full-text
DOCUMENT NUMBER: 141:190783
TITLE: Preparation of isoxazole-containing thiourea
inhibitors useful for treatment of varicella zoster
virus
INVENTOR(S): Bloom, Jonathan David
PATENT ASSIGNEE(S): Wyeth Holdings Corporation, USA
SOURCE: U.S. Pat. Appl. Publ., 9 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
US 2004157900	A1	20040812	US 2004-772799	20040205
WO 2004072052	A2	20040826	WO 2004-US3725	20040209
WO 2004072052	A3	20041111		
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-446602P P 20030211
OTHER SOURCE(S): MARPAT 141:190783
ED Entered STN: 13 Aug 2004
GI



AB The title compds. [I; R1 = halo, H; R2 = alkyl; X = II, III; R3 = alkyl, cycloalkyl, hydroxymethyl, etc.; R4 = alkyl which may be further substituted with (un)substituted Ph, cycloalkyl, pyridyl, etc.], useful for inhibiting replication of a herpes virus, were prepared E.g., a multi-step synthesis of 1-[4-(4-benzylisoxazol-3-yl)phenyl]-3-[1-(4-fluorophenyl)ethyl]thiourea (IV), was given. Seventeen title compds. I were prepared as described for IV, and tested for activity as herpes virus inhibitors (IC50 values against VZV, MTS, CMV, HSV and RSV were given).

IC ICM C07D261-02

ICS A61K031-42

INCL 514378000; 548240000

CC 28-6 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 1, 63

IT 736982-12-0P 736982-13-1P 736982-14-2P 736982-15-3P 736982-16-4P
 736982-17-5P 736982-18-6P 736982-19-7P
 736982-20-0P 736982-21-1P 736982-22-2P
 736982-23-3P 736982-24-4P 736982-25-5P
 736982-26-6P 736982-27-7P 736982-28-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of isoxazole-containing thiourea inhibitors useful for treatment of varicella zoster virus)

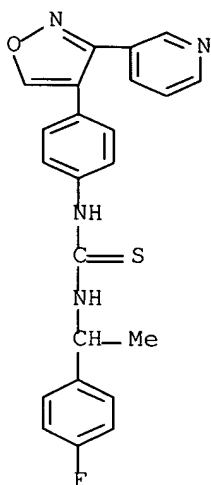
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 736982-27-7P 736982-28-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of isoxazole-containing thiourea inhibitors useful for treatment of varicella zoster virus)

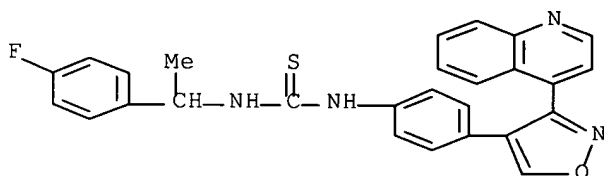
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CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(3-pyridinyl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



RN 736982-19-7 CAPLUS

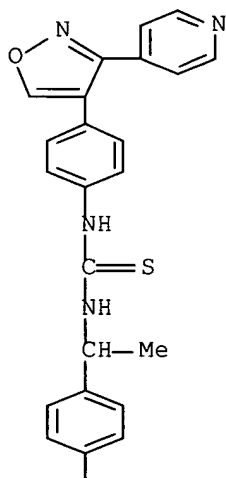
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RN 736982-20-0 CAPLUS

CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(4-pyridinyl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

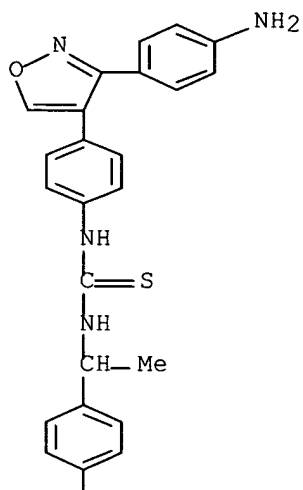


PAGE 2-A

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RN 736982-21-1 CAPLUS
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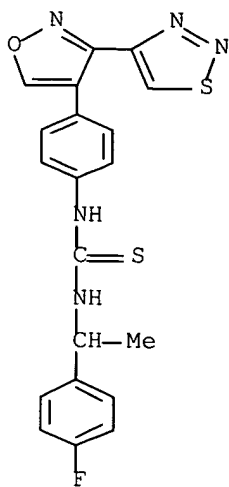
PAGE 1-A



PAGE 2-A

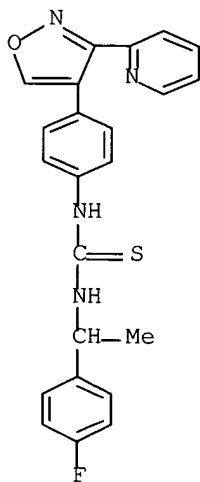
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RN 736982-22-2 CAPLUS
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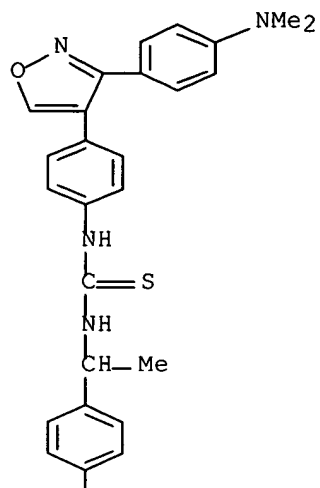
RN 736982-23-3 CAPLUS

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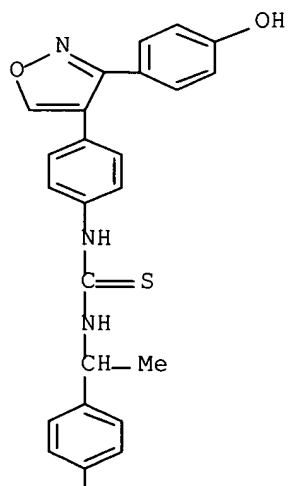
RN 736982-24-4 CAPLUS

CN Thiourea, N-[4-[3-[4-(dimethylamino)phenyl]-4-isoxazolyl]phenyl]-N'-[1-(4-fluorophenyl)ethyl]- (9CI) (CA INDEX NAME)



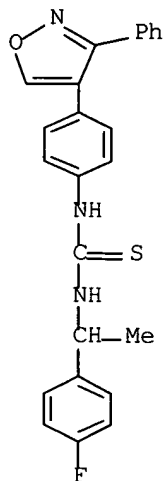
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RN 736982-25-5 CAPLUS
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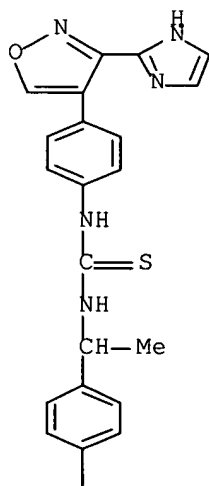
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RN 736982-26-6 CAPLUS

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(9CI) (CA INDEX NAME)

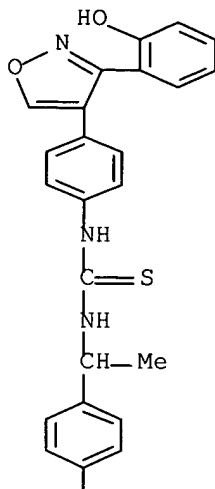
RN 736982-27-7 CAPLUS

CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(1H-imidazol-2-yl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



F

RN 736982-28-8 CAPLUS
CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(2-hydroxyphenyl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



F

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:581022 CAPLUS Full-text
DOCUMENT NUMBER: 141:292118
TITLE: Thiourea inhibitors of herpesviruses. Part 3:
Inhibitors of varicella zoster virus
AUTHOR(S): Di Grandi, Martin J.; Curran, Kevin J.; Feigelson,
Gregg; Prashad, Amar; Ross, Adma A.; Visalli, Robert;
Fairhurst, Jeanette; Feld, Boris; Bloom, Jonathan D.
CORPORATE SOURCE: Wyeth Research, Pearl River, NY, 10965, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2004),
14(16), 4157-4160
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 141:292118
ED Entered STN: 21 Jul 2004
AB The preparation of α -methylbenzyl thioureas and their biol. activity against
varicella zoster virus is described. Several analogs demonstrated IC50s <0.1

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µM and their SAR are discussed. These compds. represent a novel class of potent and selective nonnucleoside inhibitors of varicella zoster virus.

CC 10-5 (Microbial, Algal, and Fungal Biochemistry)
 IT 62-56-6D, Thiourea, derivs. 273389-92-7 273390-57-1 273390-61-7
 273392-13-5 273392-38-4 273392-57-7 273392-67-9 273392-78-2
 273392-82-8 273394-77-7 273394-95-9 273394-97-1 273394-98-2
 273395-10-1 273395-13-4 273395-24-7 273395-27-0 273395-29-2
 273395-30-5 273395-31-6 273395-37-2 273395-40-7 273395-42-9
 273395-55-4 273395-59-8 274262-04-3 274262-73-6 736982-12-0
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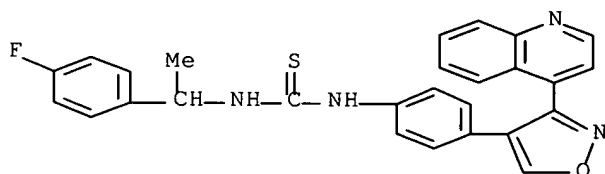
RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (thiourea inhibitors of varicella zoster virus)

IT 736982-19-7

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (thiourea inhibitors of varicella zoster virus)

RN 736982-19-7 CAPLUS

CN Thiourea, N-[1-(4-fluorophenyl)ethyl]-N'-[4-[3-(4-quinolinyl)-4-isoxazolyl]phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

8

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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